

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050371

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06T3/40

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	ZHAO M ET AL: "TOWARDS AN OVERVIEW OF SPATIAL UP-CONVERSION TECHNIQUES" PROCEEDINGS OF ISCE, XX, XX, 24 September 2002 (2002-09-24), pages 23-26, XP008027127 cited in the application the whole document	1-15
Y	JHA R ET AL: "Edge adaptive filtering: how much and which direction?" 1989 IEEE INTERNATIONAL CONFERENCE ON SYSTEMS, MAN AND CYBERNETICS., 14 November 1989 (1989-11-14), pages 364-366, XP010091465 NEW YORK, USA cited in the application abstract	1-3,6-15
	----- -/-- -----	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \* & \* document member of the same patent family

Date of the actual completion of the international search

22 July 2004

Date of mailing of the international search report

20/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax. (+31-70) 340-3016

Authorized officer

Pierfederici, A

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050371

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DUBOIS E ET AL: "NOISE REDUCTION IN IMAGE SEQUENCES USING MOTION-COMPENSATED TEMPORAL FILTERING" IEEE TRANSACTIONS ON COMMUNICATIONS, IEEE INC. NEW YORK, US, vol. COM-32, no. 7, July 1984 (1984-07), pages 826-831, XP001024707 ISSN: 0090-6778 cited in the application abstract	4,5
A	WO 94/15435 A (SID AHMED MAHER A) 7 July 1994 (1994-07-07) page 2, paragraph 4 - page 3, paragraph 1; figure 4	1,11,14, 15
A	ALLEBACH J ET AL: "Edge-directed interpolation" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING (ICIP) LAUSANNE, SEPT. 16 - 19, 1996, NEW YORK, IEEE, US, vol. VOL. 1, 16 September 1996 (1996-09-16), pages 707-710, XP010202492 ISBN: 0-7803-3259-8	

**INTERNATIONAL SEARCH REPORT**

International Application No

PCT/IB2004/050371

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 9415435	A	07-07-1994	AU	5691294 A	19-07-1994
			WO	9415435 A1	07-07-1994
			US	5621470 A	15-04-1997
			US	5668602 A	16-09-1997
<hr/>					